PESTICIDE USAGE

IN

NEW BRUNSWICK

1981

by

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Department of the Environment
Province of New Brunswick

E R R A T A

Please note the following changes:

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Esteron T-6E	H	C	12,784.64ℓ	7,670.78ℓ
Esteron 3-3E	H	C	43,347.92ℓ	26,008.75ℓ

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	QUANTITY APPLIED AERIALLY [2] ℓ
Herbicide	60,883.94
TOTALS:	86,845.33

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	QUANTITY OF A.I. APPLIED AERIALLY ℓ
Herbicide	35,395.65
TOTALS:	50,769.78

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PURPOSE: To determine the total quantity of pesticides used in New Brunswick during 1981.

METHOD: As a requirement of maintaining a vendor's or an applier's licence under the Pesticides Control Act, records of quantities of pesticides sold or applied must be kept. These records are then forwarded to the Director of Pesticide Control and become the data base for this report.

DISCUSSION: When presenting this data, no attempt was made to correlate the quantities sold with the quantities applied, however, an accurate tally of the total pesticides used in New Brunswick is arrived at by looking at the pesticides individually.

The data is presented in metric form.

INDEX OF ABBREVIATIONS

Use Pattern

F - Fungicide

H - Herbicide

M - Miticide

R - Rodenticide

I - Insecticide

Class

C - Commercial

D - Domestic

R - Restricted

TABLE 1

PESTICIDE	USE PATTERN	CLASS	ACTIVE INGREDIENT (A.I.)	QUANTITY OF A.I.	QUANTITY OF PRODUCT
Aatrex (liq.)	H	C	Atrazine (5%)	105.3 ℓ	2107 ℓ
Aatrex Nine-o	H	C	Atrazine (90%)	37.6 Kg.	41.8 Kg.
Aatrex 90W	H	C	Atrazine (90%)	24.54 Kg.	27.27 Kg.
Afolan	H	C	Linuron (50%)	216 ℓ	432 ℓ
Alar	Growth retard ant	C	Daminozide (85%)	23.18 Kg.	27.27 Kg.
Ambush	I	C	Permethrin (10%)	7.38 ℓ	73.79 ℓ
Ambush	I	C	Permethrin (50%)	36 ℓ	78 ℓ
Amiben	H	C	Chloramben (10%)	2.25 ℓ	22.5 ℓ
Amine Dinitro	H	C	Dinoseb (3.6 lb/gal)	21.58 ℓ	60 ℓ
Amsol 80	H	C	2,4-D (80 oz/gal)	149.8 ℓ	297 ℓ
Arsenate of Lead	I	C	Arsenic (19.5%)	7.44 Kg.	38.18 Kg.
Asulox	H	C	Asulam (62 oz/gal)	350.41 ℓ	904.28 ℓ
Atrazine (liq.)	H	C	Atrazine (4.8 lb/gal)	366.68 ℓ	763 ℓ
Atrazine 90W	H	C	Atrazine (90%)	955.66 Kg.	1061.84 Kg.
Atrazine 80W	H	C	Atrazine (80%)	198.54 Kg.	248.18 Kg.
Atrazine F	H	C	Atrazine (5 lb/gal)	20.02 ℓ	40 ℓ
Atra-Mix	H	C	Atrazine (4 lb/gal)	45.45 ℓ	113.5 ℓ
Banvel	H	C	Dicamba (4 lb/gal)	85.5 ℓ	213.5 ℓ
Banvel	H	C	Dicamba (100 g/l) Mecoprop (80 g/l) 2,4-D (300 g/l)	30.95 ℓ	64.48 ℓ
Basagran	H	C	Bentazon (4.8 lb/gal)	7.69 ℓ	16 ℓ
Basudin 50 EC	I	C	Diazinon (2.4 lb/gal)	13.01 ℓ	54.16 ℓ
Basudin 5G	I	C	Diazinon (5%)	11 Kg.	220 Kg.
Belmark	I	C	Fenvalerate (300 g/l)	76.8 ℓ	256 ℓ

PESTICIDE	USE PATTERN	CLASS	ACTIVE INGREDIENT(A.I.)	QUANTITY OF A.I.	QUANTITY OF PRODUCT
Benlate	F	C	Benomyl (50%)	904.87 Kg	1809.77 Kg.
Bladex 80W	H	C	Cyanazine (80%)	355.53 Kg	444.41 Kg.
Bladex (liq.)	H	C	Cyanazine (4.8 lb/gal)	57.67 ℓ	120 ℓ
Blagal	H	C	Cyanazine (1.25 lb/gal) MCPA (2.5 lb/gal)	60.07 ℓ	160 ℓ
Booster Plus	Adjuvant	C	Mineral oil (83%)	49.8 ℓ	60 ℓ
Bovaid Insect Ear Tag	I	C	Fenvalerate (8%)		600 tags
Bravo 500	F	C	Chlorothalonil(40.4%)	5437.14 ℓ	12553.4 ℓ
Bravo 6F	F	C	Chlorothalonil (7.2 lb/gal)	8515.43 ℓ	11812.8 ℓ
Bromone	R	C	Bromodiolone (.005%)	.0045 Kg.	91 Kg.
Bromone Rat and Mouse Killer	R	C	Bromodiolone (.005%)	.0028 Kg.	56 Kg.
Brushkiller 76 LV	H	C	2,4-D-(38.4 oz/gal) 2,45T-(38.4 oz/gal)	34.61 ℓ	72.1ℓ
Brushkiller 64	H	C	2,4-D-(32 oz/gal) 2,4,5-T-(32 oz/gal)	557.3 ℓ	1393.24 ℓ
Brushkiller (Estemine)	H	C	2,4-D -(40 oz/gal) 2,4,5-T -(40 oz/gal)	9.08 ℓ	18.16ℓ
Bug Buster	I	C	Pyrethrins (.9%) Piperonyl Butoxide(9%)	.91 Kg.	9.2 Kg.
Busan 30	F	C	2-(Thiocyanomethyl-thio) benzothiazole (30%)	40.86 ℓ	136.2 ℓ
Buctril M	H	C	Bromoxynil-(32 oz/gal) MCPA-(32 oz/gal)	51.2 ℓ	128 ℓ
Captan 7.5% Dust	F	C	Captan (7.5%)	1.7 Kg.	22.72 Kg.
Captan 50 W	F	C	Captan (50%)	4293.91 Kg	8587.82 Kg.
Captan 80W	F	C	Captan (80%)	912 Kg.	1148 Kg.
Chloro-IPC	H	C	Chlorpropham (4.8 lb/gal)	21.82 ℓ	45.4ℓ

PESTICIDE	USE PATTERN	CLASS	ACTIVE INGREDIENT(A.I.)	QUANTITY OF A.I.	QUANTITY OF PRODUCT
Chlordane 8E	I	C	Chlordane (8 lb/gal)	46.84 ℓ	58.48 ℓ
Chlordane	I	C	Chlordane (40%)	1.82 ℓ	4.54 ℓ
Cobex	H	C	Dinitramine (2.4 lb/gal)	1.09 ℓ	4.54 ℓ
Co-op Aero-Talk-D	I	C	d-trans allethrin(.5%) Piperonyl Butoxide(4%)	1.78 Kg.	39.6 Kg.
Co-op Barn Spray	I	C	Ronnel (24%)	22.49 ℓ	93.75 ℓ
Co-op D-LC Drill Box Seed Treatment	I	C	Diazinon (15%) BHC (25%) Captan (15%)	.62 Kg.	1.132 Kg.
Co-op Golden Fly Bait	I	C	Dichlorvos (.1%) Ronnel (.25%)	.67 Kg.	191.41 Kg.
Co-op Granular Soil Sterilant	H	C	Sodium metaborate tetrahydrate (66.5%) Sodium chlorate (30%) Diuron (1.25%)	93.3 Kg.	95.45 Kg.
Co-op Louse Powder	I	C	Rotenone (1%)	7.72 Kg.	771.72 Kg.
Co-op Pyrenone Oil	I	C	Pyrethrins (.13%) Piperonyl Butoxide (1.27%)	.25 ℓ	18.16 ℓ
Co-op Premium Turf Herbicide	H	C	2,4-D(20 oz/gal) Mecoprop (20 oz/gal)	16 ℓ	64 ℓ
Co-op Sevin 5%	I	C	Carbaryl (5%)	4 Kg.	80 Kg.
Co-op Stockfly Powder	I	C	Crotoxyphos (3%)	3.71 Kg.	123.64 Kg.
Co-op Warble Killer	Bird Control	C	Trichlorfon (8%)	8.11 ℓ	101.42 ℓ
Cygon 2E	I	C	Dimethoate (23.4%)	.23 ℓ	1 ℓ
Cygon 4E	I	C	Dimethoate (4.8 lb/gal.)	320.41 ℓ	666.72 ℓ
Cygon 4E	I	C	Dimethoate (45%)	116.18 ℓ	258.18 ℓ
Cyprex 65W	F	C	Dodine (65%)	394.25 Kg.	606.54 Kg.
2,4-D Amine 80	H	C	2,4-D (80 oz/gal.)	1050.16 ℓ	2100.32 ℓ

PESTICIDE	USE PATTERN	CLASS	ACTIVE INGREDIENT(A.I.)	QUANTITY OF A.I.	QUANTITY OF PRODUCT
2,4-D Amine 500	H	C	2,4-D (80 oz/gal)	648.04 ℓ	1296.08ℓ
2,4-D Ester	H	C	2,4-D (80 oz/gal)	382.81 ℓ	765.62ℓ
2,4-D Estemine	H	C	2,4-D (500 g/l)	457.43 ℓ	914.86ℓ
Dacthal 75 W	H	C	Chlorthal (75%)	67.5 Kg.	90 Kg.
Dalapon	H	C	Dalapon (74%)	2368.24 Kg	3200.33 Kg.
Dasanit 15G	I	R	Fensulfothion(15%)	69.09 Kg.	460.46 Kg.
Dasanit	I	R	Fensulfothion(7.2lb/gal)	174.54 ℓ	240ℓ
Diazinon	I	C	Diazinon (5 lb/gal)	75 ℓ	149.82 ℓ
Diazinon	I	C	Diazinon (5 lb/gal)	45.45 ℓ	90.91 Kg.
Difolitan	H	C	Captafol (48%)	220.8 ℓ	460ℓ
Dikar	F	C	Dinocap (4.4%) Mancozeb (72%)	239.9 Kg.	314 Kg.
Dipel 88	I	C	B.T. (8000 BIU)	1.82 Kg.	1.82 Kg.
Diphacinone	R	C	Diphacinone (.005%)	.00068 Kg.	13.64 Kg.
Disvap Spray	I	C	Pyrethrins (.5%) Piperonyl Butoxide (4%)	1.28 Kg.	28.53 Kg.
Disyston 15 G	I	R	Disulfoton (15%)	2326.84 Kg	15,512.27 Kg.
Dithane M-45	F	C	Mancozeb (80%)	151,479.84 Kg.	189,349.81 Kg.
Dithane Dust	F	C	Mancozeb (8%)	910.79 Kg.	13,011.36 Kg.
Dowpon	H	C	Dalapon (74%)	6663.36 Kg	9,004.54 Kg.
Dow Top Killer	H	C	Dinoseb (3 lb/gal)	12355.08 ℓ	41,134.18ℓ
Dual 960 E	H	C	Metolachlor (9.6 lb/gal.)	68.82 ℓ	72.64ℓ
Dual N.M.	H	C	Maneb (37.5%) Linuron (18.75%)	27 Kg.	48 Kg.
Dylox	I	C	Trichlorfon (80%)	606.11 Kg.	757.64 Kg.
Dytop	H	C	Dinoseb (3 lb/gal)	2,959.1ℓ	9,851.8 ℓ
Easout	F	C	Thiophanate-methyl (10%)	529.5 Kg.	5,295 Kg.
Embutox E	H	C	2,4-DB(64 oz/gal)	289.85ℓ	724.62 ℓ

PESTICIDE	USE PATTERN	CLASS	ACTIVE INGREDIENT(A.I.)	QUANTITY OF A.I.	QUANTITY OF PRODUCT
Eptam 8E	H	C	EPTC (8 lb/gal)	2068.17ℓ	2,581.11 ℓ
Estamine 80	H	C	MCPA (80 oz/gal)	347.67 ℓ	695.34 ℓ
Ethrel	Plant growth regulator	C	Ethephon (38.4 oz/gal)	2.18 ℓ	9.08 ℓ
Ferbam 76 WP	F	C	Ferbam (76%)	12.44 Kg.	16.36 Kg.
Fruitone	Plant growth regulator	C	Triethanolamine(5.3%) Proprionic acid(94.7%)	3.4ℓ	3.4ℓ
Furadan 4.8	I	R	Carbofuran (480 g/1)	961.74 ℓ	2003.62 ℓ
Furadan 10G	I	R	Carbofuran (10%)	579.73 Kg.	5797.27 Kg.
Furadan	I	R	Carbofuran (5%)	83.2 ℓ	1663.96 ℓ
Gesagard	H	C	Prometryne (80%)	66.62 Kg.	83.27 Kg.
Gramoxone	H	R	Paraquat (2 lb/gal)	860.13 ℓ	4295.51 ℓ
Guthion	I	R	Azinphos-methyl (2.4 lb/gal)	97.4 ℓ	405.36 ℓ
Guthion	I	R	Azinphos-methyl (50%)	860.48 Kg.	1720.95 Kg.
Guthion	I	R	Azinphos-methyl (50%)	136.2 ℓ	272.4 ℓ
Imidan	I	C	Phosmet (50%)	171.14 Kg.	342.27 Kg.
Kelthane AP-35	M	C	Dicofol (35%)	2.54 Kg.	7.27 Kg.
Kem Mist	I	C	d-Trans Allethrin(.9%) Piperonyl Butoxide(9%)	.20 Kg.	2.04 Kg.
Kerb 50 W	H	C	Benzamide (50%)	38.14 Kg.	76.27 Kg.
Killex	H	C	Dicamba (9 g/1) 2,4-D (100 g/1) Mecoprop (50 g/1)	38.95ℓ	245ℓ
Konk I	I	C	Pyrethrins (.9%) Piperonyl Butoxide(9%)	8.44 Kg.	85.23 Kg.
Korlan 2	I	C	Ronnel(2.4 lb/gal)	16.8 ℓ	69.92ℓ
Lannate	I	C	Methomyl (215 g/1)	33.62ℓ	156.36ℓ
Lasso	H	C	Alachlor (4.8%)	177.54 ℓ	3698.86ℓ
Lexone	H	C	Metribuzin (75%)	812.32 Kg.	1083.09 Kg.
Lexone	H	C	Metribuzin (4.8 lb/gal)	43.63 ℓ	90.8 ℓ

PESTICIDE	USE PATTERN	CLASS	ACTIVE INGREDIENT(A.I.)	QUANTITY OF A.I.	QUANTITY OF PRODUCT
Livestock Spray	I	C	Dichlorvos (.25%) Crotoxyphos (1%)	4.03 ℓ	322.42 ℓ
Livestock Spray	I	C	Ronnel (.25%) Piperonyl Butoxide (.25%) Pyrethrins (.05%)	2.96 ℓ	538.55 ℓ
Lorsban 4C	I	C	Chlorpyrifos (25%)	59.02 ℓ	236.08 ℓ
Lorox	H	C	Linuron (2 lb/gal)	268.32 ℓ	1340 ℓ
Lorox	H	C	Linuron (4.8 lb/gal)	9.6 ℓ	20 ℓ
Lorox	H	C	Linuron (50%)	7.73 Kg.	15.45 Kg.
Louse powder	I	C	Rotenone (.5%)	.67 Kg.	135 Kg.
Malathion	I	C	Malathion (5 lb/gal)	995.01 ℓ	1987.63 ℓ
Malathion	I	C	Malathion (25%)	105.89 Kg.	423.54 Kg.
Malathion	I	C	Malathion (50%)	156.63 ℓ	313.26 ℓ
Maloran 50WP	H	C	Chlorbromuron (50%)	621.23 Kg.	1242.45 Kg.
Mancozeb 8% Dust	F	C	Mancozeb (8%)	2356.18 Kg.	29452.27 Kg.
Mancozeb (liq.)	F	C	Mancozeb (80%)	1808 ℓ	2260 ℓ
Mantox 80WP	F	C	Maneb (80%)	174.54 Kg.	218.18 Kg.
Manzate 200	F	C	Mancozeb (80%)	17406.84Kg.	21758.54 Kg.
Manzate D	F	C	Maneb (80%)	9376 Kg.	11720 Kg.
MCPA	H	C	MCPA (80 oz/gal)	3823.9 ℓ	7647.8 ℓ
MCPA	H	C	MCPA (500 g/l)	209 ℓ	418 ℓ
M.H. 30	Plant growth regulator	C	Maleic hydrazide (300 g/l)	6605.1 ℓ	22017.16 ℓ
M.H. 30	Plant growth regulator	C	Maleic hydrazide (3.5 lb/gal)	694.95 ℓ	1983.2 ℓ
Mergamma	I	C	Maneb (37.5%) Linuron (18.75%)	10.74 Kg.	19.09 Kg.
Mertect	F	C	Thiabendazole (45%)	1685.43 ℓ	3745.4 ℓ
Meta Systox R	I	C	Oxdemeton-methyl (2.4 lb/gal)	970.91 ℓ	4040.6 ℓ

PESTICIDE	USE PATTERN	CLASS	ACTIVE INGREDIENT(A.I.)	QUANTITY OF A.I.	QUANTITY OF PRODUCT
Methoxone Sodium Salt	H	C	MCPA (48 oz/gal)	66.80 ℓ	222.68 ℓ
Methoxychlor 50W	I	C	Methoxychlor (50%)	12.73 ℓ	25.45 Kg.
Microfine sulfur	I	C	Sulfur (92%)	37.64 Kg.	40.91 Kg.
Milgo	F	C	Ethirimol 280 (g/l)	12.6 ℓ	45 ℓ
Monitor 4.8	I	R	Methamidophos(4.8 lb/gal)	298.49 ℓ	621.12ℓ
Niagara Waxed Mouse Bait	R	C	Zinc phosphide (2%)	12.72 Kg.	636.36 Kg.
Omite	I	C	Propargite (30%)	2.73 Kg.	9.09 Kg.
Patoran 50W	H	C	Metobromuron (50%)	43.36 Kg.	86.73 Kg.
Phosdrin	I	R	Mevinphos (60%)	111.6ℓ	186 ℓ
Phygon	F	C	Dichlone (50%)	303.59 Kg.	607.18 Kg.
Pirimor	I	C	Pirimicarb (50%)	875.18 Kg.	1750.36 Kg.
Plictran	M	C	Cyhexatir (50%)	19.09 Kg.	38.18 Kg.
Polyram	F	C	Metiram (22.5%)	3401.88 Kg.	15119.45 Kg.
Polyram	F	C	Metiram (80%)	23892 Kg.	29865 Kg.
Polyram	F	C	Metiram (7%)	173.25 Kg.	2475 Kg.
Potato Seed Piece	Seed treatment	C	Diazinon .1% Captan 7.5%	100.18 Kg.	1318.18 Kg.
Primextra	H	C	Metoachlor (3 lb/gal) Atrazine (2 lb/gal)	200.92 ℓ	401.36 ℓ
Princep 80W	H	C	Simazine (80%)	233.96 Kg.	292.45 Kg.
Princep 90W	H	C	Simazine (90%)	521.47 Kg.	579.41 Kg.
Premerge	H	C	Dinoseb (360 g/l)	8894.86ℓ	24707.94ℓ
Premerge	H	C	Dinoseb (3.6 lb/gal)	6414.84 Kg.	17819 Kg.
Pyramin 80W	H	C	Pyrazon (80%)	7.2ℓ	9ℓ
Reglone	H	R	Diquat (2 lb/gal)	6860.92 ℓ	34263.42ℓ
Ridomil	F	C	Metalaxyl (25%)	3.18 Kg.	12.73 Kg.
Ronnel D	I	C	Ronnel (1%)	1.67ℓ	167.34ℓ

PESTICIDE	USE PATTERN	CLASS	ACTIVE INGREDIENT(A.I.)	QUANTITY OF A.I.	QUANTITY OF PRODUCT
Roundup	H	C	Glyphosate (3.6 lb/ gal)	1008.04 ℓ	2796.76 ℓ
Rozol	R	C	Chlorophacinone (.005%)	.001 Kg.	20 Kg.
Ramik Brown	R	C	Diphacinone (.005%)	.006 Kg.	131.82 Kg.
Sanex Fly Killer	I	C	Pyrethrins (1%) Piperonyl Butoxide (10%)	1.79 Kg.	16.3 Kg.
Sencor	H	C	Metribuzin (50%)	15.91 Kg.	31.82 Kg.
Sencor	H	C	Metribuzin(4.8 lb/gal	968.73 ℓ	2015.76 ℓ
Sentinel	I	C	Permethrin (10%)	1.7ℓ	17 ℓ
Sevin	I	C	Carbaryl (5%)	13.39 Kg.	267.91 Kg.
Sevin	I	C	Carbaryl (50%)	509.5 Kg.	1019 Kg.
Sevin	I	C	Carbaryl (85%)	118.07 Kg.	138.91 Kg.
Sevin	I	C	Carbaryl (80%)	35.64 Kg.	44.54 Kg.
Simadex	H	C	Simazine (80%)	1316.51 Kg	1645.64 Kg.
Simazine	H	C	Simazine (500 g/1)	10 ℓ	20 ℓ
Sinbar	H	C	Terbacil (80%)	130.68 Kg.	163.36 Kg.
Sinox	H	C	Dinoseb (3.6 lb/gal)	2238.91 ℓ	6211.74ℓ
Spike	H	C	Tebuthuiron(80%)	21.82 Kg.	27.27 Kg.
Spotton	I	C	Fenthion (20%)	.18 Kg.	.9 Kg.
Sutan	H	C	Butylate (8 lb/gal)	84.42 ℓ	105.4 ℓ
System 4E	I	C	Dimethoate (4.8 lb/ gal)	144.65 ℓ	301 ℓ
Systox	I	R	Demeton(2.4 lb/gal)	336 ℓ	1398.32ℓ
Temik 10G	I	R	Aldicarb 10%	1450 Kg.	14500 Kg.
Tenoran 50W	H	C	Chloroxuron (50%)	290.63 Kg.	581.26 Kg.
Terraklene	H	C	Paraquat (1 lb/gal) Simazine (4 lb/gal)	7.57ℓ	15 ℓ
Thimet 10G	I	R	Phorate (10%)	138.18 Kg.	1381.81 Kg.
Thimet 15G	I	R	Phorate (15%)	4447.13 Kg.	29647.54 Kg.

PESTICIDE	USE PATTERN	CLASS	ACTIVE INGREDIENT(A.I.)	QUANTITY OF A.I.	QUANTITY OF PRODUCT
Thiodan 2 + Zineb 5	I/F	C	Endosulfan (2%) Zineb (5%)	49.44 Kg.	706.36 Kg.
Thiodan 4EC	I	C	Endosulfan (4 lb/gal)	138.41 ℓ	345.6 ℓ
Thiogrenn	F	C	Zineb (80%)	475.64 Kg.	594.54 Kg.
Tiguvon	I	C	Fenthion (3%)	.33 Kg.	10.87 Kg.
Tillam	H	C	Pebulate (7.2 lb/gal)	.32 Kg.	.45 Kg.
Topogard 50W	H	C	Terbutryn (37%) Terbuthylazine(15.5%)	756 Kg.	1440 Kg.
Topper	H	R	Diquat (2 lb/gal)	905.09 ℓ	4520 ℓ
Treflan	H	C	Trifluralin (4 lb/gal.)	526.36 ℓ	1314.32 ℓ
Treflan	H	C	Trifluralin (40%)	29.06 ℓ	72.64 ℓ
Tre-Hold *	Plant growth regulator	C	Naphthaleracetic acid (1%)	.045 ℓ	4.54 ℓ
Vitavax	F	C	Carbathiin (19.4%) Thiram (38.8%)	52.67 Kg.	90.5 Kg.
Vitaflo	F	C	Carbathiin (14.9%) Thiram (13.2%)	267.68 ℓ	952.6 ℓ
Vorlex	Soil fumigant	C	1,3 Dichlorpropene - 1,2 Dichloropropane (80%) Methyl isothiocyanate (20%)	204 ℓ	204ℓ
Warfarin	R	C	Warfarin (.5%)	1.15 Kg.	230 Kg.
Whitmire Aerosol	I	C	Allethrin (.5%) Piperonyl Butoxide (1%)	.014 Kg.	.91 Kg.
Zineb 80W	F	C	Zineb (80%)	3569.6 Kg.	4462 Kg.
Zinc Phosphide	R	C	Zinc phosphide (2%)	9.48 Kg.	474 Kg.
*Tropotox	H	C	MCPB (64 oz/gal)	11.23 ℓ	28.08 ℓ

TABLE 2

PESTICIDE	USE PATTERN	CLASS	QUANTITY APPLIED BY AIRCRAFT	
			PRODUCT	A.I.
Bravo	F	C	14705.06ℓ	10,600.35 ℓ
Brushkiller 96	H	C	1550.68 ℓ	931.61 ℓ
Desormone	H	C	340.5 ℓ	163.44 ℓ
Diazinon	I	C	31.78 ℓ	15.91 ℓ
Dithane M-45	F	C	69598.86 Kg.	55,679.09 Kg.
Dylox 80WP	I	C	1935 Kg.	1,548 Kg.
Dylox 420	I	C	6520 ℓ	2,738.4 ℓ
2,4D Amine	H	C	113.64 Kg.	56.82 Kg.
Esteron T-6E	H	C	46740/.75 ℓ	280,444.65 ℓ
Esteron 3-3E	H	C	236,173.82 ℓ	141,704.29 ℓ
Fenitrothion	I	R	773,217.72 Kg.	732,213.67 Kg.
Ferbam	F	C	409.1 Kg.	310.92 Kg.
Furadan	I	R	3663.33ℓ	1,758.4 ℓ
* Guthion	I	R	47.73 Kg.	23.85 Kg.
Herbec	H	C	4545.45 Kg.	909.09 Kg.
HPC - Thuricide	I	C	165ℓ	165 ℓ
Manzate	F	C	1602.3 Kg.	1,281.84 Kg.
MCPA	H	C	163.44 ℓ	81.72 ℓ
Metasystox R	I	C	68.1ℓ	16.36 ℓ
Phygon	F	C	342.04 Kg.	171.02 Kg.
Pirimor	I	C	279.54 Kg.	139.77 Kg.
Polyram	F	C	2171.82 Kg.	1,737.46 Kg.
Reglone	H	C	2696.76ℓ	539.35 ℓ
Sencor	H	C	107.73 Kg.	53.86 Kg.
Systox	I	C	612.9ℓ	147.09 ℓ
Tordon 10K	H	C	45409.09 Kg.	4,540.91 Kg.
* Guthion	I	R	195.22 ℓ	97.61 ℓ

TABLE 3

PESTICIDE	USE PATTERN	CLASS	QUANTITY APPLIED BY GROUND METHODS	
			PRODUCT	A.I.
Aatrex 90W	H	C	8.2 Kg.	7.38 Kg.
Aatrex 80W	H	C	15.91 Kg.	12.73 Kg.
Aatrex (liq.)	H	C	36.32 ℓ	1.81 ℓ
Ambush 50EC	I	C	.5 ℓ	.25 ℓ
Avitrol Pigeon Mix	Bird control	R	410.91 Kg.	.103 Kg.
Avitrol Sparrow Mix	Bird control	R	80 Kg.	.04 Kg.
Avitrol Whole Corn	Bird control	R	37.45 Kg.	.19 Kg.
Avitrol Corn Chops	Bird control	R	272.73 Kg.	.082 Kg.
Basudin FM	I	C	458.46 ℓ	110.03 ℓ
Baygon	I	C	4.54 ℓ	.54 ℓ
Bell Rodent Cake	R	C	447.18 Kg.	.022 Kg.
Borea	H	C	22.73 Kg.	22.37 Kg.
Bromone (pellets)	R	C	818.2 Kg.	.041 Kg.
Bromone (bait)	R	C	801.82 Kg.	.04 Kg.
Chlordane 8E	I	C	13.62 ℓ	10.89 ℓ
Chlordane 5%	I	C	1.45 Kg.	.072 Kg.
Chlordane 40%	I	C	99.45 ℓ	39.78 ℓ
Cygon 4E	I	C	20.43 ℓ	9.19 ℓ
Diazinon 50E	I	C	126.57 ℓ	63.28 ℓ
Diphacinone	R	C	5.57 Kg.	.00028 Kg.
Diphenoprop	H	C	22.7 ℓ	15.89 ℓ
Disvap Spray	I	C	.45 Kg.	.004 Kg.
Dursban 2E	I	C	34.44 ℓ	8.61 ℓ
Dyclear 24	H	C	410.19 ℓ	246.11 ℓ
Dylox 80WP	I	C	92.68 Kg.	74.14 Kg.
2,4-D Amine 80	H	C	2.25 ℓ	1.125 ℓ
Esteron T-6E	H	C	998.8 ℓ	599.28 ℓ
Ferbam 76	F	C	.68 ℓ	.52 ℓ
Ficam W	I	C	10.9 Kg.	8.72 Kg.
IAI Industrial Aerosol	I	C	9.1 Kg.	.9 Kg.

PESTICIDE	USE PATTERN	CLASS	QUANTITY APPLIED BY GROUND METHODS PRODUCT	A.I.
Kem San Time Mist	I	C	.68 Kg.	.067 Kg.
Killex	H	C	245.8 ℓ	78.41 ℓ
Krenite	H	C	29.51 ℓ	14.16 ℓ
Krovar	H	C	372.95 Kg.	298.36 Kg.
Lawn Herbicide	H	C	4.54 ℓ	1.13 ℓ
Malathion 50EC	I	C	205.26 ℓ	102.63 ℓ
Methoxychlor	I	C	22.7 ℓ	11.35 ℓ
Methyl Bromide	Fumigant	R	655.45 ℓ	655.45 ℓ
Mosquito Larviciding Oil		C	21,111ℓ	21,111 ℓ
Phostoxine	Fumigant	R	24 strips	
Premium Lawn Weedkiller	H	C	242 ℓ	96.8 ℓ
Princep 4G	H	C	909.11 Kg.	36.36 Kg.
Pro 3-ULV	I	C	38.16 ℓ	3.43 ℓ
Pro Plus	I	C	22.7 ℓ	1.02 ℓ
Pyrethrins	I	C	18.16 ℓ	.018 ℓ
Riddex	I	C	67.7 ℓ	12.86 ℓ
Rodentrak	R	R	34.09 Kg.	17.04 Kg.
Roundup	H	C	35.86 ℓ	12.91 ℓ
Rozol	R	C	9555 Kg.	.48 Kg.
Sanex R Bar	R	C	136.36 Kg.	.007 Kg.
Sanifume 5	Fumigant	C	100 ℓ	100 ℓ
Sanifume 15	Fumigant	C	238.59 ℓ	238.59 ℓ
Sectrol 3M	I	C	4.54 ℓ	.05ℓ
Sevin 50WP	I	C	10.91 Kg.	5.45 Kg.
Shoo	bird control	C	8.18 Kg.	.041 Kg.
Silvaprop	H	C	124.85 ℓ	87.39 ℓ
Simazine	H	C	188.18 Kg.	150.54 Kg.
Spike 80	H	C	103.64 Kg.	82.91 Kg.

PESTICIDE	USE PATTERN	CLASS	QUANTITY APPLIED BY GROUND METHODS	
			PRODUCT	A.I.
Talon	R	C	23.54 Kg.	.001 Kg.
Terraklene	H	C	2.32 ℓ	1.16 ℓ
Tersan 1991	F	C	18.18 Kg.	9.09 Kg.
Tordon 101	H	C	707.79 ℓ	221.18 ℓ
Tordon 10K	H	C	4070.45 Kg.	407.04 Kg.
Triton XA	Spreading agent	C	7.94 ℓ	7.94 ℓ
Vapo 20	I	C	4 ℓ	.74 ℓ
Vapona 5%	I	C	22.7 ℓ	.11 ℓ
Vapona Fogging Solution	I	C	31.78 ℓ	.28 ℓ
Velpar	H	experi-mental	226.8 Kg.	204.12 Kg.
Warfarin	R	C	895 Kg.	4.47 Kg.
Wasp Aerosol	I	C	1.7 Kg.	.008 Kg.
Woodchuck Bomb	R	C	34.09 Kg.	3.68 Kg.
Zinc Phosphide	R	C	4.54 Kg.	.091 Kg.

TABLE 4

	QUANTITY SOLD[1]		QUANTITY APPLIED AERIALLY[2]		QUANTITY APPLIED GROUND[3]	
	Kg.	£	Kg.	£	Kg.	£
Herbicides	39,429.74	162,095.34	50,175.91	708,332.95	5,917.96	2,862.93
Insecticides	75,706.58	16,999.14	775,479.99	11,256.33	127.87	22,306.71
Fungicides	336,536.77	31,505.4	74,124.72	14,705.06	18.18	.68
Rodenticides	1,652.82	--	--	--	12,755.39	--
Other	2,097.26	24,382.8	--	--	809.27	1,001.98
TOTALS:	455,423.17	234,982.68	899,780.62	734,294.34	19,628.67	26,172.30

1,2,3 - are quantities of formulated product.

TABLE 5

	QUANTITY OF A.I. SOLD		QUANTITY OF A.I. APPLIED AERIALLY		QUANTITY OF A.I. APPLIED BY GROUND	
	Kg.	£	Kg.	£	Kg.	£
Herbicide	22,082.81	50,309.58	5,560.68	423,865.06	1,221.81	1,377.35
Insecticide	12,410.30	5,498.92	733,925.3	4,773.77	89.36	21,486.06
Fungicide	220,864.57	17,767.14	59,180.33	10,600.36	9.09	.52
Rodenticide	23.36	--	--	--	25.87	--
Other	194.43	7,762.01	--	165	.45	1,001.98
TOTAL:	255,575.47	81,337.65	798,666.31	439,404.19	1,346.59	23,865.91

A.I. - Active Ingredient